



Placer County Wastewater Advisory Committee

MINUTES

August 4, 2009
CDRA Cypress Room

I. Call to Order

- A Guy Ostenson called the meeting to order at 4:45 p.m.

II. Preliminary Items

- A Roll Call and Determination of Quorum
Tibor Banathy, Bill Carpenter, Guy Ostenson, Rick Bluhm, Ken Denio, and Mark Navo were present. Marc Lindbloom, David Honeycutt, Mike Broyer, Dave Spannagel, Kevin Bell, and Dave Buck were absent. A quorum was established.

- B Introduction of Guests
Chris White, Robin and Rick McCauley attended as guests. Jill Pahl, Leslie Lindbo, Mohan Ganapathy and Marci Branaugh attended the meeting representing Environmental Health.

Minutes Review

Mark Navo made a motion to accept the minutes as written from the June 2, 2009 meeting, the motion was seconded by Ken Denio.

The vote was all in favor and no opposing votes.

- C Agenda Review

Remove - Action Item, B – Subsurface Drip (GeoFlow 30% Slope)
Staff will come up with some language for the ordinance that would allow for the installation in more than a 30% slope.

Add – Non-Action Item, C – AB885 Update

III. Action Items

Review of On-site Sewage Manual Draft Revisions

Chapters 25 (C2)

Chapters 27-28 (Ch 26 Experimental Systems has already been reviewed by the WAC)

Chapter 25. Operation, Maintenance and Monitoring

Discussion, C2c. System Designer – the System Designer should certify that the system is installed per the design.

Discussion D, Summary Table: Site or System Variable –WAC strongly recommended mandatory OM&M requirements for new Pressure Dose Systems. There was a question as to why large flow systems, such as for schools, were not included in the table. EH explained that large flow systems usually are associated with an application that requires a use permit. EH can evaluate the need on a case by case basis and can condition a Use Permit to require OM & M when necessary. It was suggested by EH that this could be remedied by adding a catch all to the table for all other systems.

Discussion, H. Renewable Operating Permit 1. d – Correct the sentence: An As-Built of the system submitted by the system ~~installer designer~~ has been received and approved by the Division. It was suggested to have the As-Built signed off by the installer and designer.

Discussion, J. Certified OM&M Specialist Inspections – There has been extensive conversation and concerns regarding who qualifies as an OM&M inspector. Nevada County requires a Licensed Contractor (C42) who also has additional certifications to do OM&M. WAC would like EH to review the qualifications required for the Certified OM&M Inspector.

Discussion, N - Bill Carpenter made a comment that he would like to see Division staff certified in soil science along with CEU's and not just a four-year degree.

Discussion, O. Certification Requirements for OM&M Specialists - Guy Ostenson would like to see that each OM&M Specialist is required to be a Contractor with a C42 license. That would ensure four years of experience, financial responsibility, felony background check, and Workman's Compensation Insurance if needed. One of the big issues is excluding Contractors with A & B licenses. These licenses do not provide the same level of assurance as a C 42 license, however they are currently able to conduct the OM&M services. It was also recommended that "OM&M Specialist should be defined."

CHANGES

F. OM&M Data Management, 2.

- d. Date of installation (Add space between Date of)

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K. Experimental Systems

a limited number of ~~uses~~ *is installations are* approved and tracked as experimental systems. (Replace uses is with installations are)

L. Alternative system approved through experimental program, 1 & 3

Replace Placer County Environmental Health with Division

M. Systems Within Designated Environmentally Sensitive Areas, 3.

change "Realtors" to "real estate agents and brokers" Real estate agent or brokers is different from Realtors.

N. Division Quality Assurance, 1.

This registration assures that ~~each staff has a four year degree~~ *all program staff members have a four-year degree...* (Replace each staff has a four year degree with all program staff members have a four year degree.)

Chapter 27. Off-Site Sewage Easements

No Changes

Chapter 28. Large System Requirements

No Changes

Chapter 30. Septic Tanks Materials and Construction

Discussion, B. Materials – It was recommended that fiberglass and polyethylene be considered as acceptable materials. EH would like to change the requirements to accept all tanks that meet IAPMO approval. Per design it would be about \$5,000 for IAPMO to certify the tank and then it would be placed on the list as acceptable to use.

Guy represents the Pre-Casters would like to have more input on that decision due to the substantial cost associated with it.

Discussion, C. Tank Construction/Design Specifications, 7 - Rick McCauley commented that the requirement to have the construction joint above the effluent level is wrong since fiberglass tanks have a joint at the midpoint. Guy suggested the watertight test for the tanks shall be consistent with the DPW requirements since they do test the water tightness of pump tanks that pump effluent to sewer lines (saddleback tanks). Environmental

Health agreed to strike fiberglass from the prohibited types of tanks.

Discussion, D. Size, 2 – Bill questioned why the liquid depth could not be greater than 72 inches. Jill explained that it has been used for a long time as the measurement that would allow the scum to float and the matter to sink in order to get the clear layer in the middle. It has to do with sizing and getting the proper separation.

CHANGES

C. Tank Construction/Design Specifications 3, & 5

The required dimensions of the manhole/riser size contradict one another with different horizontal dimensions.

E. Fittings 1 & 5

The areas contradict one another with different pipe diameter.

E. Fittings 2

Remove the ~~equal to, or~~

Chapter 31. Distribution Box Materials and Construction

Discussion, Guy Ostenson stated that back in 2005, cross over pipes were approved which allows the maximum utilization of the area being lost. EH has agreed to look into the materials and discuss it.

Chapter 32. Diversion Valve Materials And Construction

Discussion, The name is not always on the diversion valves so it should not be required.

Chapter 33. Dosing/Pump Tank Materials And Construction

*Discussion, D. – What is the **number assigned by division** referring to? EH will look into this.*

Discussion, Mark Navo asked about risers being required on dosing/pump tanks. Nevada County requires this. Placer County does not require this because EH requires one riser. If there are two access holes, then one can be sealed.

B. GeoFlow 30% Slope – REMOVED from agenda

C. Sizing Criteria – per bedroom sizing

- Rick McCauley- provided a document with bedroom sizing documentation from select Counties and would like to recommend that Placer County go to a scalable system. So instead of being a straight 150 per bedroom; it would be 150 for the first 2 bedrooms but after that it would be less for any additional bedrooms.
- Bill Carpenter suggested that for a standard system it be 150 gallons a day and for pressure dosed should be something different.
- There needs to be more discussion on this topic.

Motion: There was a motion from Rick Bluhm to have EH staff evaluate and give a report to the WAC on the appropriate sizing standards. The motion was seconded by Bill Carpenter.

IV. Non-Action Items

- A. Request for Feedback on County Website
- B. Correspondence and Public Comment
- C. AB 885 Update –Jill Pahl

There was no AB885 Update however Emergency Regulations for Greywater has passed. Greywater systems are now allowed. Jill will send out the reference material.

V. Agenda Preparation for Next Meeting

Date: September 1, 2009

Location: Cypress room at the CDRC

Time: 4:30 PM to 6:00 PM.

Action Items: Going over the committees proposed revisions of the Environmental Health Services On-Site Sewage Manual chapters Chapter 34 – Chapter 42

Disinfection Choices for Pretreatment

Non-Action Items: Correspondence and Public Comment.

NOTE: All comments and proposed revisions of the manual are due to Leslie Lindbo (llindbo@placer.ca.gov) no later than August 25, 2009.

VI. Adjourn

The meeting was adjourned at 6:40 PM

DRAFT

